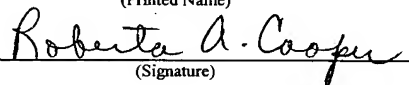




Atty. Dkt. No. 039153-0642 (H0970)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Paton et al.
Title: OFFSET SPACER PROCESS FOR
FORMING N-TYPE
TRANSISTORS
Appl. No.: 10/619,877
Filing Date: 07/15/2003
Examiner: Christy L. Novacek
Art Unit: 2822

CERTIFICATE OF EXPRESS MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office To Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
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Roberta A. Cooper	
(Printed Name)	
	
(Signature)	

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.



TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

RELEVANCE OF EACH DOCUMENT


The relevance of the foreign-language documents is described in an English-language abstract for the documents provided herewith. An English translation of the foreign-language documents is not readily available. However, the absence of such translation does not relieve the PTO from its duty to consider the submitted foreign language documents (37 CFR §1.98 and MPEP §609).

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1447. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1447.

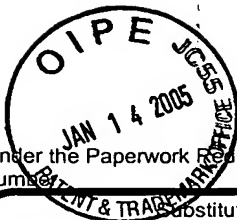
Respectfully submitted,

Date 1/15/2005

By 

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: January 14, 2005

(use as many sheets as necessary)

Complete if Known

Application Number	10/619,877
Filing Date	7/15/2003
First Named Inventor	Eric N. Paton
Group Art Unit	2822
Examiner Name	Christy L. Novacek
Attorney Docket Number	039153-0642 (H0970)

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		US-2003/0153161		Chut et al.	08/14/2003	
		6,559,015		Yu	05/06/2003	
		US-2003/0068883		Ajmera et al.	04/10/2003	
		6,506,654		Wei et al.	01/14/2003	
		6,444,532		Hasegawa	09/03/2002	
		6,365,476		Talwar et al.	04/02/2002	
		US-2001/0003364		Sugawara et al.	06/14/2001	
		6,184,097		Yu	02/06/2001	
		6,153,484		Donaton et al.	11/28/2000	
		6,030,863		Chang et al.	02/29/1996	
		5,915,196		Mineji	06/22/1999	
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		5,858,843		Doyle et al.	01/12/1999	
		5,856,225		Lee et al.	01/05/1999	
		5,825,066		Buynoski	10/20/1998	
		5,736,446		Wu	04/07/1998	
		5,716,681		Moslehi	02/10/1998	
		5,675,159		Oku, et al.	10/07/1997	
		5,595,919		Pan	01/21/1997	
		5,593,907		Anjum et al.	01/14/1997	
		5,491,099		Hsu	02/13/1996	
		5,429,956		Shell et al.	07/04/1995	
		5,391,510		Hsu et al.	02/21/1995	
		5,374,575		Kim et al.	12/20/1994	
		5,264,382		Watanabe	11/23/1993	
		4,784,718		Mitani et al.	11/15/1988	
		4,727,038		Watabe et al.	02/23/1988	
		4,745,082		Kwok	05/17/1988	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
			10-270685		Japan	10/1998		
			5-160396		Japan	06/25/1993		
			4-123439		Japan	09/14/1990		
			3-248433		Japan	02/29/1990		

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: January 14, 2005 <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/619,877
				Filing Date	7/15/2003
				First Named Inventor	Eric N. Paton
				Group Art Unit	2822
				Examiner Name	Christy L. Novacek
Sheet	2	of	2	Attorney Docket Number	039153-0642 (H0970)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
		International Electron Devices Meeting 1997, "Sub-100nm Gate Length Metal Gate NMOS Transistors Fabricated by a Replacement Gate Process" by Chatterjee et al, pages 821-824.	
		International Electron Devices Meeting 1999, "70nm MOSFET with Ultra-Shallow, Abrupt, and super-Doped S/D Extension Implemented by Laser Thermal Process (LTP)" by Yu et al, pages 509-512.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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